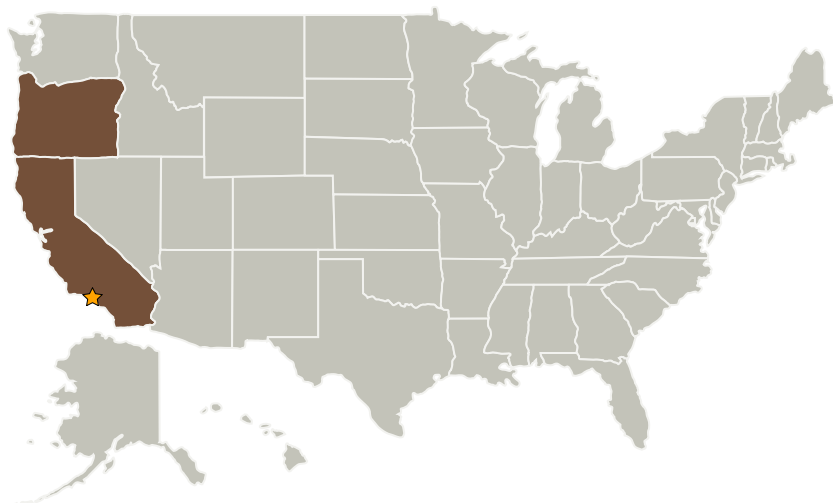


Nanofluid Boiling Module for Precision Cooling of Microelectronics,
Phase I

Completed Technology Project (2003 - 2003)



Primary U.S. Work Locations and Key Partners



| Organizations Performing Work | Role | Type | Location |
|-----------------------------------|-------------------------|-------------|----------------------|
| ★ Jet Propulsion Laboratory (JPL) | Lead Organization | NASA Center | Pasadena, California |
| Microenergy Technologies, Inc. | Supporting Organization | Industry | Portland, Oregon |

Primary U.S. Work Locations

| | |
|------------|--------|
| California | Oregon |
|------------|--------|

Nanofluid Boiling Module for
Precision Cooling of
Microelectronics, Phase I

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Organizational
Responsibility**Responsible Mission Directorate:**

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Jet Propulsion Laboratory (JPL)

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Nanofluid Boiling Module for Precision Cooling of Microelectronics, Phase I

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Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Principal Investigator:

Reza Shekarriz

Technology Areas

Primary:

- TX06 Human Health, Life Support, and Habitation Systems
 - └ TX06.3 Human Health and Performance
 - └ TX06.3.5 Food Production, Processing, and Preservation